

26May05 throughput findings from GSFC's 10-Gbps networking efforts

From Bill Fink's TCP-based tests between GSFC hosts with 1-GE NIC's, enabled by: nuttcp -w10m

| <u>From</u> | <u>To</u> | <u>Throughput</u> | <u>TmCPU%</u> | <u>RcCPU%</u> |
|-------------|-----------|-------------------|---------------|---------------|
| GSFC | McLean | 0.988+ Gbps | 11 | 11 |
| McLean | GSFC | 0.988+ Gbps | 12 | 9 |
| GSFC | San Diego | 0.587+ Gbps | 7 | 4 |
| San Diego* | GSFC | 0.005+ Gbps | 0 | 0 |

*TCP Off-load Engine (TOE) turned on